

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-091752

(43)Date of publication of application : 25.03.2004

(51)Int.Cl.

C08F 6/12

(21)Application number : 2002-258612

(71)Applicant : DENKI KAGAKU KOGYO KK

(22)Date of filing : 04.09.2002

(72)Inventor : GOTO YUKIMI
KOBASHI SEIJI
WATABE HIDEKI

(54) MANUFACTURING METHOD OF BLOCK COPOLYMER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a manufacturing method of a block copolymer with a low residual solvent concentration by preliminarily controlling the solvent concentration in a crumb before dehydration and drying, and separating out the crumb having a shape from which the residual solvent is easily vaporized and removed even by a conventional drying treatment, in a method of manufacturing a block copolymer comprising a vinyl aromatic hydrocarbon and a conjugated diene by obtaining a crumb by a steam stripping method, then dehydrating and drying it.

SOLUTION: In this manufacturing method, a hydrocarbon solvent solution of a block copolymer having a polymer concentration within 10-60 wt.% is stripped with steam under a specific condition (inlet point of the polymer solution, temperature and pressure in the separating-out vessel, etc.).

LEGAL STATUS

[Date of request for examination] 24.11.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office